



Elite FHD Premium Series

PeopleLink Elite FHD Premium Series are cameras for boardrooms. The Pant/Tilt and Zoom features that can be controlled with a remote and allow these cameras to have a coverage of up to 72.5 / 60.7 / 60.7 degree angle. The 12x/20x/30X optical Zoom and 8 / 16X Digital zoom feature helps in capturing every minute detail including the facial expressions and gestures. The auto-brightness feature adjusts the brightness based on the available lighting conditions to ensure better video quality.

Product Features

- **1080P Full HD**
Apply Panasonic's 1/2.7 inch, 2.07 million effective pixels high quality HD CMOS sensor, can reach maximum 1920 x 1080 high resolution and achieve quality image.
- **Microphone & AAC Audio Encoding**
An external microphone (supported by Elite Elite Premium Series only), and support audio line in input. Support AAC audio encoding, better sound quality and smaller bandwidth.
- **H.265 Support**
The first H.265 encoding support conference video camera in the world, enabling full HD 1080p / 60fps video stream by ultra-low bandwidth.
- **Face Detection**
Built-in face detection module, enabling PTZ tracking (**Optional**).

Product Features

- Ultra-high Frame Rate**
 The output frame rate up to 60fps in 1080P, up to 120fps output in 720P (supported by network only), 640x480P can be as high as 240fps (supported by network only, optional).
- Local Storage**
 Support local storage module, directly recording to local USB flash disk without NVR.
- Low-light**
 High SNR of CMOS sensor combined with 2D and 3D noise reduction algorithm, effectively reduce the noise, even under low illumination conditions, picture can still keep clean and clear.
- Remote Control**
 Using RS232/485 interface, all the parameters of the camera can be remote controlled by the high-speed communications.

Product SPECIFICATIONS

Camera :	Elite FHD Premium Series 12X	Elite FHD Premium Series 20X	Elite FHD Premium Series 30X
Video System	HD: 1080p/60, 1080p/50, 1080i/60, 1080i/50, 1080p/30, 1080p/25, 720p/120 (supported by network only), 720p/60, 720p/50, 720p/30, 720p/25, 640x480p/240 (supported by network only, optional) SD: 480i, 576i		
Sensor	: 1/2.7", CMOS, Effective Pixel: 2.07M		
Scanning Mode	: Progressive		
Zoom	: 12X	: 20X	: 30X
Lens	: f3.5mm ~ 42.3mm, F1.8 ~ F2.8	: f4.42mm ~ 88.5mm, F1.8 ~ F2.8	: f4.42mm ~ 88.5mm, F1.8 ~ F2.8
Digital Zoom	: 16x Digital Zoom	: 16X Digital Zoom	: 8X Digital Zoom
FOV	: 72.5° ~ 6.9°	: 60.7° ~ 3.36°	: 60.7° ~ 3.36°
Vertical Angle of View	: 44.8° ~ 3.9°		: 34.1° ~ 1.89°
Face Detection	: <ul style="list-style-type: none"> * Optional * Pricing for this module is Extra and it is not a Standard feature 	: <ul style="list-style-type: none"> * Optional * Pricing for this module is Extra and it is not a Standard feature 	: <ul style="list-style-type: none"> * Optional * Pricing for this module is Extra and it is not a Standard feature
Interface	: USB 2.0, USB 3.0, HDMI	: USB 2.0, USB 3.0, HDMI	: USB 2.0, HDMI, 3G-SDI
USB	: USB 2.0 (For Recording)	: USB 2.0 (For Recording)	: USB 2.0 (For Recording)
HD Out put	: 1xHDMI: Version 1.3	: 1xHDMI: Version 1.3	: 1xHDMI: Version 1.3

Minimal Illumination : 0.5 Lux @ (F1.8, AGC ON)

Shutter : 1/30s ~ 1/10000s

White Balance : Auto, 3000K/Indoor, 4000K, 5000K/Outdoor, 6500K_1, 6500K_2, 6500K_3, One Push,

Backlight Compensation : Support

Digital Noise Reduction : 2D&3D Digital Noise Reduction

Camera :

Video S/N	:	≥55dB
Vertical Angle of View	:	44.8° ~ 3.9°
Horizontal Rotation Range	:	±170°
Vertical Rotation Range	:	-30° ~ +90°
Pan Speed Range	:	1.7° ~ 100°/s
Tilt Speed Range	:	1.7° ~ 69.9°/s
H & V Flip	:	Support
Image Freeze	:	Support
Local Storage	:	Support
Number of Preset	:	255
Preset Accuracy	:	0.1°

IPC Features

Video Compression	:	H.265 / H.264 / MJPEG
Video Stream	:	Main Stream, Sub Stream
Main Stream Resolution	:	1920x1080, 1280x720, 1024x576
Sub Stream Resolution	:	720x576, 720x480, 320x240
Video Bit Rate	:	128Kbps ~ 8192Kbps
Bit Rate Type	:	Variable Rate, Fixed Rate
Frame Rate	:	50Hz: 1fps ~ 50fps, 60Hz: 1fps ~ 60fps, 720p120: 120fps, 640x480p240: 240fps
Audio Compression	:	AAC
Audio Bit Rate	:	96Kbps, 128Kbps, 256Kbps
Support protocols	:	TCP/IP, HTTP, RTSP, RTMP, Onvif, DHCP, Multicast, etc.

Input/Output Interface

HD Output	:	1xHDMI: Verision 1.3
SD Output	:	1xCVBS: 3.5mm mini jack, 1Vp-p, 75Ω
Network Interface	:	1xRJ45: 10M/100M Ethernet Interface
Audio Interface	:	1-ch: 3.5mm Audio Interface, Line In
USB	:	1xUSB3.0: Type B female jack
	:	1xUSB2.0: Type A female jack

Input/Output Interface

	:	1xRS232 In: 8pin Min DIN, Max Distance: 30m, Protocol: VISCA/Pelco-D/Pelco-P
Communication Interface	:	1xRS232 Out: 8pin Min DIN, Max Distance: 30m, Protocol: VISCA network use only
	:	1xRS485: 2pin Phoenix Port, Max Distance: 1200m, Protocol: VISCA/Pelco-D/Pelco-P
Power Jack	:	JEITA type (DC IN 12V)

Generic Specification

Input Voltage	:	DC 12V	Power Consumption	:	12W (Max)
Current Consumption	:	1.0A (Max)	Size	:	169mm x 142mm x 164mm
Operating Temperature	:	-10°C ~ 40°C (14°F ~ 104°F)	Net Weight	:	1.35Kg (3.0lb)
Storage Temperature	:	-40°C ~ 60°C (-40°F ~ 140°F)			

PACKAGING INFORMATION

Ordering Information

Elite FHD Premium 12X: **PPU-PVC-EPS-12X-16DX**

Elite FHD Premium 20X: **PPU-PVC-EPS-20X-16DX**

Elite FHD Premium 30X: **PPU-PVC-EPS-30X-8DX**

GLOBAL HEADQUARTERS

Q3-A3, 10th Floor, Cyber Towers, Hitech City,
Madhapur, Hyderabad - 500 081 (India)
Phone: +91 (40) 66903959 / 60
Email: vc@peoplelinkvc.com

INTERNATIONAL CONTACT NUMBERS

USA : +1-321-2163070
UK : +44-20-35190197

Africa : +27-10-5001977
Australia: +61-29-0988367

Canada : +1-647-4964195
Middle East : +973-1-6199342

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